



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Patrick T. RIGNEY  
Bobby L. GOIN  
Jesse G. McLAWHORN  
Gary L. VADNAIS

Serial No.: 10/510,550

Filing Date: 09 October 2004

Title: HIGH INTEGRITY POLYESTER  
STRAPPING

Customer No.: 45482

**FIRST INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with Rules 1.56 and 1.98, the references listed on Form PTO-1449 are brought to the attention of the Examiner as being possibly material to examination of the subject Patent Application.

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

06 Jan. 2005

06 Jan. 2005  
Date

Maury Peterson  
Signature

Serial No.: 10/510,550

Form PTO-1449 (2 pages) is enclosed with a copy of each and every non-U.S. Patent Reference cited on Form PTO-1449.

Respectfully submitted,



Maxwell J. Petersen  
Registration No. 32,772

Pauley Petersen & Erickson  
2800 West Higgins Road; Suite 365  
Hoffman Estates, Illinois 60195  
TEL (847) 490-1400  
FAX (847) 490-1403

FORM PTO-1449  
(MODIFIED)DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

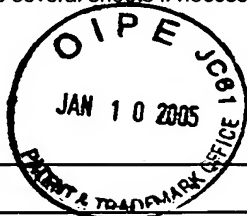
ITW-13619

SERIAL NO.

10/510,550

**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)



APPLICANT(S)

Patrick T. RIGNEY et al.

FILING DATE

09 October 2004

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,447,207	06/1969	Danzer	24	16	
	AB	3,553,157	01/1971	Dijkstra et al.	260	40	
	AC	3,579,609	05/1971	Sevenich	260	873	
	AD	3,582,453	06/1971	Sloan et al.	161	123	
	AE	3,651,196	03/1972	Starkweather, Jr.	264	178	
	AI	4,022,863	05/1977	Karass et al.	264	210	
	AG	4,130,681	12/1978	DeWoskin	428	102	
	AH	4,260,690	04/1981	Binsack et al.	525	64	
	AI	4,368,295	01/1983	Newton et al.	525	166	
	AJ	4,409,167	10/1983	Kolouch et al.	264	102	
	AK	4,892,768	01/1990	Cheung et al.	428	57	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	1052511	04/1979	Canada				
	AM	0 377 513 A2	07/1990	EPO				
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Material Safety Data Sheet (MSDS), (Product Name: ADMER SF700A®), Mitsui Chemicals America, Inc., March 26, 2001 (4 pages)
	AS		Material Safety Data Sheet (MSDS), (Product Name: ADMER NF458A®), Mitsui Chemicals America Inc., March 26, 2001 (4 pages)
	AT		Material Safety Data Sheet (MSDS), (Product Name: ADMER SF710A®), Mitsui Chemicals America Inc, March 26, 2001 (4 pages)
			Mitsui Chemicals, Inc., (Product Information Sheet: Tafmer®, Engineering Plastics Modifier) (2 pages)

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.1/clb/lar

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

ITW-13619

SERIAL NO.

10/510,550

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT(S)

Patrick T. RIGNEY et al.

FILING DATE

09 October 2004

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,963,430	10/1990	Kish et al.	428	220	
	AB	5,372,765	12/1994	Chen et al.	264	101	
	AC	5,525,391	06/1996	Dipede et al.	428	57	
	AD	5,660,787	08/1997	Van Erden et al.	264	476	
	AE	5,695,709	12/1997	Van Erden et al.	264	476	
	AF	5,759,653	06/1998	Collette et al.	428	35.9	
	AG	5,772,944	06/1998	DiPede et al.	264	211.13	
	AH	5,837,349	11/1998	Van Erden et al.	428	192	
	AI	6,210,769	04/2001	DiPede et al.	428	58	
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Material Safety Data Sheet (MSDS), (Product Name: ADMER QF500A®), Mitsui Chemicals America, Inc., March 26, 2001 (4 pages)
	AS		Material Safety Data Sheet (MSDS #2896), (Material Identity: Kraton™ FG-1901 Thermoplastic Rubber), Shell Elastomers LLC (4 pages)
	AT		Material Safety Data Sheet (MSDS #2031), (Material Identity: Kraton™ G-1652 Thermoplastic Rubber), Shell Elastomers LLC (3 pages)

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.1/clb/lar

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

ITW-13619

SERIAL NO.

10/510,550

**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT(S)

Patrick T. RIGNEY et al.

FILING DATE

09 October 2004

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AG						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		DuPont®, DuPont Packaging, (Product Information: Apheel® - "lidding sealant resins" and Bynel® - "adhesive resins"), <a href="http://www.dupont.com/packaging/products/resins/index.html">http://www.dupont.com/packaging/products/resins/index.html</a> (4 pages)
	AS		DuPont®, (Product Information: Fusabond® E Series, polymer modifier), Series E Resins including MB-100D and MB-226D Chemically Modified Polyethylene (8 pages)
	AT		Exxon Mobil Chemical Company®, (Product Information Sheet: Linear Low Density Polyethylene, LL1001.32 Case Film Resin) (1 page)

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.2/lar

FORM PTO-1449  
(MODIFIED)DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

ITW-13619

SERIAL NO.

10/510,550

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT(S)

Patrick T. RIGNEY et al.

FILING DATE

09 October 2004

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Exxon Mobil Chemical Company®, (Product Information Sheet: Linear Low Density Polyethylene, LL1002.32 Case Film Resin) (1 page)
	AS		The Dow Chemical Company®, Dow Plastics™, (Product Information Sheet: Resin for Blown Film Application, Ruffin HS-7046 NT7", Linear Low Density Polyethylene Resin) (2 pages)
	AT		The Dow Chemical Company®, Dow Plastics™, (Product Information Sheet: Resin for Blown Film Application, Tuffin HSE-1003 NT 7, Linear Low Density Polyethylene Resin) (2 pages)

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.2/lar

FORM PTO-1449  
(MODIFIED)DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

ITW-13619

SERIAL NO.

10/510,550

**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT(S)

Patrick T. RIGNEY et al.

FILING DATE

09 October 2004

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Equistar Chemicals, LP, (Product Information Sheet: Petrothene® PP31S4A, Polypropylene Homopolymer Injection Molding Grade) (1 page)
	AS		Equistar Chemicals, LP, (Product Information Sheet: Petrothene® PP31S1A, Polypropylene Homopolymer Fiber and Sheet Extrusion Grade) (1 page)
	AT		Equistar Chemicals, LP, (Product Information Sheet: Petrothene® PX 165, Extrudable Tie-Layer Resin - Anhydride Modified LDPE) (1 page)

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.2/lar

FORM PTO-1449  
(MODIFIED)DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

ITW-13619

SERIAL NO.

10/510,550

**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT(S)

Patrick T. RIGNEY et al.

FILING DATE

09 October 2004

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AI						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Equistar Chemicals, LP, (Product Information Sheet: Alathon® L 5845, High Density Polyethylene MMW Film Grade) (1 page)
	AS		Huntsman Corporation, (Product Information Sheet: Polypropylene - Homopolymer P4G3Z-050) (1 page)
	AT		Huntsman Corporation, (Product Information Sheet: Polypropylene - Homopolymer P4G2Z-026) (1 page)

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.2/lar



FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

ITW-13619

SERIAL NO.

10/510,550

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT(S)

Patrick T. RIGNEY et al.

FILING DATE

09 October 2004

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Crompton Corporation, Uniroyal Chemical Products, Polymer Modifiers, (Product Information Sheet: Royaltuf® Modified EPDM Products, (various products)) (1 page)
	AS		Crompton Corporation, Uniroyal Chemical Products, Polymer Modifiers, (Product Information Sheet: Polybond® Modified Polyolefin Products, (various products)) (1 page)
	AT		Uniroyal Chemical Company, Inc., (Product Information Sheet: Royaltuf®, Polymer Modifiers, Royaltuf® 485, Chemically Modified Polyolefin, Developmental Product) (2 pages)

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.3/lar

FORM PTO-1449  
(MODIFIED)DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

ITW-13619

SERIAL NO.

10/510,550

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT(S)

Patrick T. RIGNEY et al.

FILING DATE

09 October 2004

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AC						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Uniroyal Chemical Company, Inc., Royaltuf®, Polymer Modifiers, (Product Information Sheet: Royaltuf® 498, (Formerly X974025), Chemically Modified Polyolefin) (1 page)
	AS		Uniroyal Chemical Company, Inc., Polybond®, Polymer Modifiers, (Product Information Sheet: Polybond® 3009, Chemically Modified Polyolefin) (2 pages)
	AT		Uniroyal Chemical Company, Inc., Polybond®, Polymer Modifiers, (Product Information Sheet: Polybond® 3109 (Formerly EXP 1-15-6), Developmental Product, Chemically Modified Polyolefin) (2 pages)

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.3/lar